

Claim 62, Line 1, delete "50" and insert therefor
--232--;
Claim 64, Line 1, delete "50" and insert therefor
--232--;
Claim 65, Line 1, delete "50" and insert therefor
--232--;
Claim 66, Line 1, delete "50" and insert therefor
--232--;
Claim 67, Line 1, delete "50" and insert therefor
--232--;
Claim 68, Line 1, delete "50" and insert therefor
--232--;
Claim 70, Line 1, delete "50" and insert therefor
--232--;
Claim 71, Line 1, delete "50" and insert therefor
--232--;
Claim 72, Line 1, delete "50" and insert therefor
--232--;
Claim 75, Line 1, delete "50" and insert therefor
--232--; and
Claim 96, Line 1, delete "50" and insert therefor
--232--.

Please add Claims 232-248 as follows:

--232. A process for preparing C₆₀ comprising:

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- (a) vaporizing elemental carbon in the presence of an inert quenching gas under conditions effective to form a sooty carbon product comprising C₆₀ molecules in macroscopic amounts;
 - (b) depositing the sooty carbon product on a collecting surface remote from said situs of vaporization;
 - (c) removing the sooty carbon product from the collecting surface; and

(d) extracting a product comprising a macroscopic amount of C_{60} from said sooty carbon product.

233. A process for preparing C_{60} comprising:

(a) vaporizing elemental carbon in the presence of an inert quenching gas at a pressure ranging from less than 1 atmosphere up to a pressure of 10 atmospheres under conditions effective to form a sooty carbon product comprising C_{60} in quantities sufficient to isolate C_{60} as a solid when extracted from the sooty carbon product;

(b) depositing the sooty carbon product on a collecting surface remote from said situs of vaporization;

(c) removing the sooty carbon product from the collecting surface; and

(d) extracting C_{60} from said sooty carbon product in quantities sufficient to isolate C_{60} as a solid when extracted from the sooty carbon product.

234. A process for preparing C_{60} comprising:

(a) vaporizing elemental carbon in the presence of an inert quenching gas under a pressure ranging from less than 1 atmosphere up to 10 atmospheres under conditions effective to form a sooty carbon product comprising C_{60} in quantities sufficient to isolate C_{60} as a discernible solid when extracted from the sooty carbon product;

(b) extracting C_{60} from said sooty carbon product in quantities sufficient to isolate said C_{60} as a discernible solid.

235. The process according to Claim 233 or 234 wherein said elemental carbon is placed into an evacuated reactor prior to the vaporization thereof.

236. The process according to Claim 233 wherein depositing comprises collecting the sooty carbon product on a

collecting surface distanced 5-10 cm from said vaporization situs.

237. The process according to Claim 233 or 234 wherein the elemental carbon is vaporized in a bell jar carbon evaporator.

238. The process according to Claim 233 or 234 wherein extracting comprises contacting the sooty carbon product with a non-polar organic solvent effective to dissolve the C_{60} , said solvent being present in amounts sufficient to dissolve the C_{60} present in said sooty carbon product.

239. The process according to Claim 238 wherein said non-polar organic solvent is benzene, toluene, carbontetrachloride, 1,1,1-trichloroethane, xylene or an alkane having 5-10 carbon atoms.

240. The process according to Claim 233 or 234 wherein C_{70} is additionally present in the extracted C_{60} .

241. The process of Claim 240 which additionally comprises separating the C_{70} from C_{60} .

242. The process according to Claim 233 or 234 which additionally comprises purifying the extracted C_{60} product.

243. The process according to Claim 233 or 234 wherein the product is substantially pure C_{60} .

244. The process according to Claim 233 or 234 wherein extracting comprises subliming the C_{60} from the sooty carbon product and condensing the sublimed C_{60} .

245. The process according to Claim 233 or 234 wherein the pressure of the vaporization is conducted at a pressure ranging from 50 to 400 torr.

246. The process according to Claim 233 or 234 wherein the extracted product is in solution.

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contd